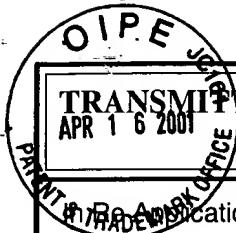


Docket No.
1414.501U2GD 5000
5630

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
 APR 16 2001
 (Under 37 CFR 1.97(b) or 1.97(c))

Application Of: **SHAFER, David A.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/744,097	January 16, 2001		

Title:

**METHODS FOR DETECTING AND MAPPING GENES, MUTATIONS AND VARIANT
POLYNUCLEOTIDE SEQUENCES**

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:
 1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

a certification as specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
1414.501U2

Serial No.
09/744,097

Filing Date
January 16, 2001

Examiner

Group Art Unit

Title:

METHODS FOR DETECTING AND MAPPING GENES, MUTATIONS AND VARIANT
POLYNUCLEOTIDE SEQUENCES

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of _____ is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 501496 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of _____

Credit any overpayment.

Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on _____
(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on April 13, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature

Lyza L. Sandgren

Typed or Printed Name of Person Mailing Correspondence

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Signature

David S. Kerven, Esq., Reg No. 43,712
Red Hot Law Group of Ashley LLC
The Biltmore, Suite 400
817 W. Peachtree St., NW
Atlanta, GA 30308-1144
(404) 575-1900, ext. 1980
(404) 575-1901, fax
Customer No. 25246

Dated: April 13, 2001

CC:



ATTORNEY DOCKET NO. 1414.502U1
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Shafer)
Serial No.: 09/744,097) Art Unit: Unassigned
Filed: January 16, 2001) Examiner: Unassigned
For: METHODS FOR DETECTING AND MAPPING)
GENES, MUTATIONS AND VARIANT)
POLYNUCLEOTIDE SEQUENCES)

INFORMATION DISLCOSURE STATEMENT

RED HOT LAW GROUP OF ASHLEY, LLC

The Biltmore; Suite 400
817 W. Peachtree Street, N.W.
Atlanta, Georgia 30308
Customer No.: 25246

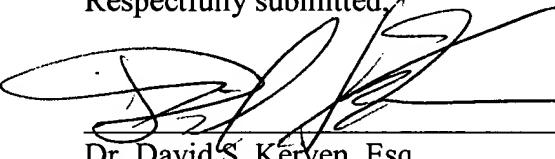
April 13, 2001

Sir:

Submitted herewith on form PTO 1449 is a listing of documents known to applicants and/or their attorneys in compliance with the requirements of 37 C.F.R. § 1.56. Copies of these documents are enclosed.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

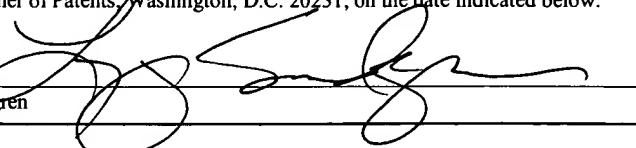
Respectfully submitted,



Dr. David S. Kerven, Esq.
Registration No. 43,712

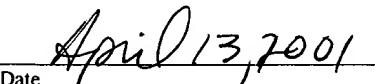
Customer No.: 25246
RED HOT LAW GROUP OF ASHLEY, LLC
The Biltmore; Suite 400
817 W. Peachtree Street, N.W.
Atlanta, Georgia 30308
(404) 575-1900

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on the date indicated below.

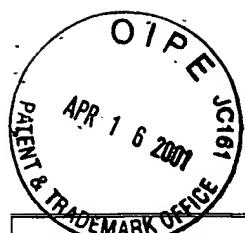


Lyza Sandgren

Date



April 13, 2001



ATTORNEY DOCKET NO. 1414.501U2
SERIAL NO. 09/744,097
Page 1 of 2

<p>Modified Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE</p> <p>LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)</p>	ATTORNEY DOCKET NO.: 1414.501U2	SERIAL NO. 09/744,097
	APPLICANT: David A. Shafer	
	FILING DATE: January 16, 2001	GROUP:

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	AL	WO92/17484	10/15/92	Research Corporation Technologies, Inc.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Vogelbacker et al., DNA dendrimers: assembly and signal amplification, April 1997, Abstract, Database CAPLUS on STN
	AN	Nilsson et al., Padlock Probes: Circularizing Oligonucleotides for Localized DNA Detection, September 30, 1994, Pages 2085 - 2087
	AO	Newton et al., The production of PCR products with 5' single-stranded tails using primers that incorporate novel phosphoramidite intermediates, 1993, Pages 1115 - 1162
	AP	Somers et al., A rapid, reliable method for detection of known point mutations: Point-EXACCT, 1994, Pages 4840 - 4841

EXAMINER: _____ **DATE CONSIDERED:** _____

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.